

# WEEKLY ARIZONA JOURNAL-MINER

Pioneer Paper of Arizona.

PRESCOTT, ARIZONA, WEDNESDAY, AUGUST 3, 1904.

Forty-First Year

## PFAU MINING CO. TO INSTALL MILL

### On Their Cherry Creek Property.

Supt. Tibbets Returns from Extensive Trip East Where He Purchased the Plant.

Supt. C. K. Tibbets, of the Pfau Gold Mining and Reduction company, arrived in Prescott Sunday night from an extensive trip to San Francisco, Salt Lake City, Denver, Chicago, Cincinnati and St. Louis, where he had been on a trip of investigation for the company. When the company decided that it would install a larger mill on its property on Cherry creek, they instructed Mr. Tibbets to thoroughly investigate the different methods of treating the ore and to get the best and be satisfied with nothing else, and this trip was the result of this order.

Mr. Tibbets is a very conservative and careful man and was determined to thoroughly investigate all the different types of mills before making his selection. The plant purchased will have a capacity of 125 tons per day and it is what is known as the Merrill roller type. There will be two of these roller mills, each having a capacity of about 65 tons per day. The values will be extracted from the ore by the cyanide process. In the system to be installed the ore will be crushed in the cyanide solution and transferred to the tanks with rotary pumps. After the pulp has been deposited in the tanks it will be constantly agitated by rotary pumps until the extraction is completed. After the extraction is completed the gold bearing solution will be transferred to a Godbe separator where the pulp and cyanide solution will be separated, the pulp passing from the separator over amalgamating riffles where any coarse gold that had not been dissolved by the cyanide will be caught. The gold will then be precipitated with zinc dust and the gold slimes collected in a filter press. This system is giving very satisfactory results wherever it is now in operation and Mr. Tibbets spent several days watching and investigating its operation. The system is absolutely automatic and only requires one man to handle the whole plant. This will be a great saving in the way of labor, which is an important item in handling big low grade propositions like the one owned by the above company.

It will require four gas engines to operate the plant. The mill will require a 55 horse power engine, the pumps and agitators a 30 horse power engine, the hoist and mine pumps an 85 horse power engine and the air compressor a 75 horse power engine. These engines will be the upright double cylinder pattern, constructed to manufacture their own gas from crude oil or untreated distillate.

The new mill building will require about ten car loads of lumber in its construction and will be built with the idea in mind of handling the ore by gravity wherever it is possible. The company has one of the most ideal mill sites for such a mill that could be found in the county, and the water supply is many times greater than will be required. It is estimated that the present water supply would be sufficient to run a 600 or 700 ton plant.

Mr. Tibbets informed the Journal-Miner that since he left the property several weeks ago, a small force of men has been working in the Valley tunnel where the enormous ore shoot was encountered about four months ago and that although the tunnel is in far enough to give them 65 feet across the ore vein they still have no foot wall. He also said the values were getting a little better. The tonnage of ore in sight in this ore shoot now amounts to over 200,000 tons, the values averaging a little better than \$7.50 per ton.

Work on the new mill will be started just as quick as the preliminary arrangements can be completed. President Leo Pfau and a number of the officers and stockholders of the company are expected to arrive here soon.

### Railroad in Mexico.

Articles of incorporation of the La

Dieha & Pacific railroad appear in this issue. The incorporators named in the articles are Robert E. Morrison and Allen Hill, while these two gentlemen and Leon F. Kneipp constitute the board of directors. George Mitchell, the well known copper king, is president of the company and Mr. Morrison is its solicitor.

The railroad is to be built from the La Dieha mines in the state of Guerrero to the bay of Acapulco, a distance of forty-five miles. The sea terminus of the road is Port Marques situated on a bay within the bay of Acapulco. This is a most desirable port on a land locked harbor where the water at the wharves is forty feet deep.

The road is to be built entirely for the purposes of the mine, to haul in machinery and supplies and to take out the output. It will be an electric line, the power for which will be furnished by a stream which cuts one side of the mine. A short distance below the mine there is a fall of seventy-five feet and it has been ascertained that from 80,000 to 100,000 horse power can be generated. The road will be built and will be in operation by the middle of next January.

### SPOILED A SENSATION.

#### Charges Against Supt. Glass Are Ignored by Council.

The evening paper has within the past few weeks made two desperate efforts to create a sensation in the community. In spite of the glaring headlines attached to the first and the glowing colors of the word pictures painted in the article itself, it fell flat and did not even create a ripple of excitement.

The second attempt was in the nature of two affidavits, making charges against C. C. Glass, superintendent of the water works, the affidavits being garnished and embellished with the most brilliant comments at the command of the editor of the paper and followed day after day by demands on the council for action. One of the affidavits was made by a discharged employe of the city water works and the other by a discharged employe of the Electric company. This of itself had the effect of robbing the affidavits of more or less of the potency they might otherwise have possessed and as the water committee of the city council had the matter under investigation people seemed to decide to await their action before becoming sensationally excited.

At a meeting of the city council on Monday night the water committee submitted its report to the council the report being as follows:

To the Honorable Mayor and Common Council of the City of Prescott:

We, the members of your water works committee, to whom was referred the matter of charges preferred against Mr. Chas. C. Glass, superintendent of the Prescott works, by Ed. Peetland and others, beg leave to submit the following:

We have sworn statements from both parties in the controversy. The charges made are plainly denied, under oath, and we find from the evidence at hand no sufficient cause for the suspension or removal of Mr. Glass.

You will find attached the sworn statements submitted to us, and we respectfully submit the same to the honorable mayor and the council as a body.

A. J. Head, Chairman.

J. W. Wilson,

H. Brinkmeyer,

Water Committee.

The report of the committee was adopted by the council so that this attempt at sensation was flattened out.

### CROWN KING.

Excursion to Crown King and return every Sunday, \$2.00, return same day. Crown King and return on Saturday good returning following Monday, \$4.00. S-3tf

### TRIENNIAL CONCLAVE

#### OF KNIGHTS TEMPLAR.

Sept. 5th to 9th, San Francisco, \$39.20 for round trip.

Sovereign Grand Lodge, I. O. O. F., Sept. 19 to 25th, San Francisco, on sale.

K. T. conclave, Sept. 1st to 5th; return limit Sept. 20th.

I. O. O. F., Grand Lodge, Sept. 15th to 19th, return limit Sept. 30th, continuous passage going trip, stop overs allowed in California returning. S-3tf

New Mexico democrats have called the territorial convention to meet at Las Vegas August 25th.

## CLIMAX TUNNEL IS NOW CLEARED

### High Grade Ore Being Taken Out.

Water Supply Increasing Rapidly and Mill Will Soon Be Producing Gold Bullion.

Very encouraging reports are given out of the work in the old tunnel of the Climax Gold company's property, which it will be remembered was opened up some three or four weeks ago. The tunnel has been thoroughly

cleaned out and some new timbers put in where the old ones were unsafe, a track laid to the end of the old workings and some very high grade ore is now being taken out. Governor Wolfley visited the property a few days ago and informed the Journal-Miner upon his return, that the proposition looked even better than it did when they first got into the tunnel, and the ore that was coming out was better than the samples that were taken. It will be remembered that seven samples were taken out of the tunnel, they being taken without any knowledge of where the good ore was, and the seven samples averaged over \$76 per ton in gold. The officers of the company are wonderfully pleased with the outlook for the future of the property. The water supply is also steadily increasing, and with the breaking of the long drought there will soon be sufficient water to run the ten stamp mill. When this mill is started up there will be another good producer brought in for this county.

## MINING NEWS

Investigation of the methods which have been pursued by the Greene management, which investigation was made for the purpose of ascertaining if the gross extravagance charged against the management was a reality, is stated to have revealed "value received" for every dollar expended. Five years ago the Greene property consisted of a few holes in the ground, and a few claims on the surface. Within this period over nine millions in cash have been expended in underground work and the erection of surface plants. The company stands alone in its achievement of having within this short time made of a barren desert a copper producing property capable of landing its product in New York at the rate of 9,000,000 pounds per annum. It is figured that, including ordinary construction work, the Greene company is making its copper for nine cents a pound.—Review.

T. C. Archer returned Saturday from a two months' visit to Mexico to the property of the Cieneguita mines. He says that in the four properties embraced by the Cieneguita there is a bigger body of rich ore than he had ever seen. The value of much of it in copper and silver is from \$300 to \$600 a ton. Ledges on all the properties are of immense width and they seem to be running together. When they have been found to be joined there will be disclosed such a deposit of highly mineralized ore as has seldom been seen. Only about fifty men are employed there now. All the work has been development work, but there has been enough of that kind of work to show the need of a 500 ton plant, which will shortly be installed. Work is going on on the machinery as rapidly as possible. A part of the business of Mr. Archer in this country now is to look after property of his own, adjoining the Val Verde, and a part of it is to buy electrical machinery and a mile of line for the Cieneguita. Stock selling in the Cieneguita, he says, is now over. All the stock lately sold has been disposed of at par and the rest has been withdrawn from the market. The property was formerly owned by citizens of Phoenix.

The following assertion in reference to mining in Arizona appeared in the Rocky Mountain News, of Denver: "Arizona is the greatest mining state in the country. The facts prove this assertion. Cripple Creek ore values average \$22 a ton; Arizona ores run to \$40, and those of less value are not worked, as it would not pay to haul them. Senator Clark's United Verde is paying \$12,000,000 dividends annually. The Iron King, only developed for two years, is paying a similar amount; and the Crowned King, in the Bradshaw range, is paying \$5,000,000 dividends.

The copper properties on the Navajo reservation in which a number of Flagstaff parties are interested, were bonded this week to an eastern syndicate of capitalists. The properties are considered among the best in the territory, and only await development to make of them large producers. The bond calls for \$185,000 cash, to be paid at intervals until December, 1905, when the final payment is to be made. In the meantime development

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## CONSTRUCTION IS IN PROGRESS

### Of Gas Plant for City of Prescott.

Men at Work on Building and the Plant Will Be Completed by October First.

Frank L. Wright is one of the citizens of Prescott who has never lost faith in the town. He put in a telephone system at a time when it was predicted that it would be a losing proposition and has made it pay ever since and it is still growing so rapidly that he can scarcely install the instruments as rapidly as they are called for. The electric light plan has grown from a very small affair until it has crowded out nearly every coal oil lamp in the place, and electricity is now the principal illuminant of the town.

Next came the street car line and it was predicted that it too would prove a failure and though the line is only a mile in length it has paid the expense of operating it from the day the car was first started. Mr. Wright some time since was granted a franchise for a gas system in Prescott. Knockers gravely stated that this was only intended as a bluff and that the plant would never be put in. Mr. Wright made no answer to such assertions but went along in the even tenor of his way perfecting his plans and making his arrangements for the installation of the plant and the work of construction has now been in progress for several days without the public being apprised of the fact.

The work in progress is the construction of the foundation for the building in which the plant will be located, on the ground owned by the Prescott Electric company adjoining its electric light plant. The building will be 34x60 feet. Work is also in progress for the excavation for the gas tank. The pipe to be laid through Prescott was ordered three weeks ago and is expected here now within a week or ten days, and immediately upon its arrival work will be pushed, laying it in the streets and alleys, ready to connect up with the buildings. Pipe has already been laid for a couple of blocks.

The parties having the contract for the installation of the plant are under bond to have it completed by October 1, by which time the pipe can also be laid and connections made for delivery of gas where wanted.

Gas will be manufactured from oil and the pressure system will be used, whereby the pressure will be equalized at all points in the system. It will be furnished for both lighting and heating although with the electric lights it will probably be used mainly for heating.

The cost of the gas has not yet been decided on but it will not exceed \$2.00 per thousand feet and at this price it is claimed that it will be much cheaper as fuel than either coal or wood, besides being very much cleaner.

### Enjoyable Entertainment.

Miss Mabelle Biggart presented her dramatization of Adam Bede to a Prescott audience in the Methodist church on Friday evening of last week. The church was fairly well filled, with a very highly appreciative audience, but instead of being fairly well filled it should have been crowded to overflowing, if the audience had been such as the entertainment merited. The dramatization of Geo. Eliot's famous production to literature, Adam Bede, which was the work of Miss Biggart, was a masterpiece of a masterpiece. Her presentation of it was simply perfect and in many passages of it very many of her audience were moved to tears. As an emotional actress Miss Biggart on the stage would prove a rival to Clara Morris in her palmist days. Her recital was accompanied, in places, with music, Mrs. R. M. Ling presiding at the piano.

The entertainment was opened with a vocal solo by Rev. H. F. Tolle, which was so well received by the audience that he received an enthu-

stastic encore, to which he graciously responded.

Miss Biggart is not only a very talented writer and author, but possesses histrionic ability of the highest order and was a student of Dion Boucicault for a time, thinking of adopting the stage as her profession. She left here on Saturday and preached at Jerome on Sunday.

Miss Biggart is announced to repeat the above dramatization on Friday evening under the auspices of the W. C. T. U. All who failed to hear her before should avail themselves of this opportunity to hear her.

### District Court Proceedings.

Saturday, July 30.—Agnes Henderson vs. C. B. Henderson, tried; decree for plaintiff.

Ruth Faulkner, by her guardian vs. E. D. Parsons, Jr., et al; case called and continued.

Prescott aerie order of Eagles vs. The U. S. Fidelity and Guaranty Co. Demurrer heard and submitted. Overruled.

W. A. Cline vs. F. A. Bashford, tried and submitted with leave to parties to file briefs, plaintiff to have five, defendant ten days to file same.

Monday, Aug. 1.—Territory vs. Florence Hicklin. Motion for new trial granted.

Brown Bros. vs. Nellis & Wells. Dismissed. There were four garnishees in this case, all of which were dismissed.

Mullen & Gibbs vs. Rutledge & Jones. Demurrer was sustained as to defendant Rutledge.

W. A. Cline vs. F. A. Bashford. New witness heard and case submitted.

R. H. Burnister Sons Co. vs. Monte Cristo Mining Co.; attachment. Dismissed.

Tim Hawkins vs. W. K. Ward. Motion to re-tax costs sustained by court.

### Boys Beware.

Some of the boys of Prescott are on the point of making trouble for themselves through ignorance no doubt and thoughtlessness. There is a heavy penalty for defacing or marring a United States postal box, yet boys have torn out the cards in some places from these boxes and others have been scratched and defaced so that it is impossible to read the schedule written on them of the time of collecting the mail. Postmaster Smith assumes that thoughtlessness and not malice has prompted the boys to do this, hence is inclined to deal leniently provided the work of defacing them is not continued. He has however placed the matter in the hands of an officer who has been keeping watch for some time and who could turn at least two or three offenders over to be dealt with according to law, and unless this work is stopped legal proceedings will be instituted. A word to the boy of wisdom should be sufficient.

### LETTER LIST.

The following is a list of letters remaining in the postoffice at Prescott, Ariz., for the week ending Aug. 1, 1904.

Anderson, Dr.,	Moffett, Rev T C,
Bremberger, H,	Berry, Charles,
Bell, L B,	Moran, P J,
Brockeliser, C C,	Newton, E P,
Buckow, Otto,	Phillips, Miss Lottie,
Buell, B B,	Ranson, Alex,
Baumle, Chas,	Reynolds, J A,
Carson, Mrs Louise,	Rivers, J A,
Christal, Charles H,	Roe, C,
Close, Herbert,	Runeman, E A,
Davis, Mrs F C,	Schell, Fred,
Farmer, S E,	Sheets, Frank,
Firth, J A,	Sharpe, Miss E,
Fuleir, Alfred,	Sharpe, Bessie,
Gruel, Ross,	Tompkins, W C,
Gessart, Mrs Fannie,	Welch, Elmer,
Gourlay, Alex,	Helene,
Hoffman, Eugene,	Hansen, Fulmer,
Howell J T,	Ingersoll, G B,
Johnson, R M,	Logan, B H,
McGowan, Daniel,	

### SPANISH.

Alanio, D,	Martinez, C,
Canbes, D,	Oritz, P,
Gonzales, F E,	Ordaz, P V,
Gomes, J,	Ordaz, V,
Fernandez, A,	Rodriguez, D C,
Fernandez, B,	Sanchez, C,
Lopez, Geo,	Saldano, L,
Lozano, G,	Uribe, D,
Enciso, D T,	

Parties calling for any of the above letters will please say "advertised."

A. L. Smith, P. M.

After being out seventy one hours the jury in the Eppinger case in San Francisco was discharged, unable to agree. Eppinger was charged with fraud in connection with a wheat deal.